

Serial No. 10/749,463

Group Art Unit: 1733

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application.

**Listing of Claims:**

1. (Currently Amended) A method for ~~[[the]]~~ foaming ~~[[of]]~~ glue for the production of wood-based sheets, in which ~~[[the]]~~ a gluing substance and ~~[[the]]~~ a gas are brought into contact with one another and the gluing substance is foamed mechanically with the aid of the gas, ~~characterized in that~~ wherein the gluing substance and the gas are mixed into an essentially homogeneous mixture prior to foaming.
2. (Currently Amended) A method according to claim 1, ~~characterized in that~~ wherein the gluing substance and the gas are mixed by spraying them together as several directed partial flows such that ~~[[the]]~~ a largest possible contact surface area is produced between the gluing substance and the gas.
3. (Currently Amended) A method according to claim 1, ~~characterized in that~~ wherein the gluing substance and the gas are sprayed in a circular way such that the gluing substance is fed essentially from ~~[[the]]~~ a center and the gas from a ring around the gluing substance feed with the gluing substance and gas sprays being directed such that the gluing substance and the gas are brought into contact with one another.
4. (Currently Amended) A method according to claim 1, ~~characterized in that~~ wherein the gluing substance and the gas are sprayed in a circular way such that the gas is fed essentially from ~~[[the]]~~ a center and the gluing substance from a ring around the gas feed with the gluing substance and gas sprays being directed such that the gluing substance and the gas are brought into contact with one another.

Serial No. 10/749,463

Group Art Unit: 1735

5. (Currently Amended) A method according to claim 1, ~~characterized in that~~ wherein the  
~~air is used as~~ the gas comprises air.

6. (Currently Amended) A method according to claim 1, ~~characterized in that for~~ wherein  
the gluing substance comprises a composition ~~is used~~ that contains resin, foaming agent, filling  
agent, and/or hardener.

7-12. (Cancelled)